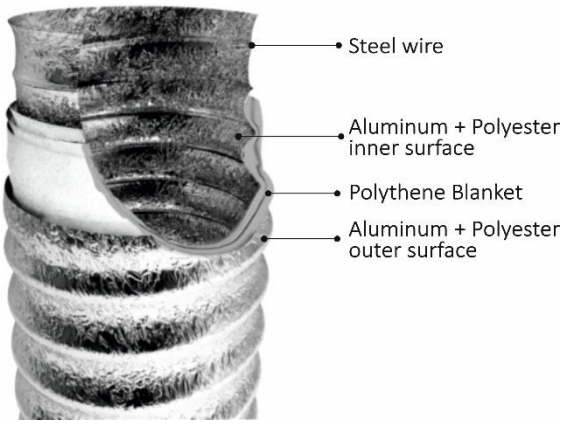
Artist

Polythene



A. Technical Specifications

1. Materials

1.1. Steel Wire

DIN	EURO	TS
DIN 17223/B	EN 10270-1-SM	TS2500-1-SM

1.2. AlPET (Aluminium+Polyester for inner and outer surface)

Chemical composition of the alloys used for production of foil corresponds to DIN EN 573-3
Tensile Test according to DIN EN 546-2.

1.3. Polythene Blanket (Insulation Material)

Determination of water vapour resistance index acc. to DIN 52615 and the Thermal Conductivity Coefficient acc. to DIN 52613 ;

Density of Polythene (kg/m^3)	Water Vapour Resistance Index (μ)	Thermal Conductivity Coefficient λ of Polythene (W/mK)
35	μ > 5000 (DIN 52615)	0,040 W/mK (40 C^0) (DIN 52613)

B. Product Data

FLEXIVA ARTIST POLYTHENE		*STANDARD*
DIAMETER CHANGE	Ø100 mm - Ø610 mm	EN 13180
OPERATING TEMPERATURE	-30 °C / 150 ºC	EN 13501-1
MAX. AIR VELOCITY	30 m/ sn	
MAX. POSSITIVE PRESSURE	5000 Pa	EN 13180
MAX. NEGATIVE PRESSURE	5000 Pa	EN 13180
PACKAGING	7,5 m/box	IŞIL
END TREATMENT	7,5 m -PLAIN ENDS	

Intended for medium and low pressure environment. It has the features of being able to be streched, twisted and compressed. Air tight (Class C according to EN 13180) and acc. to **EN 13501-1'e** , its class is **D**.

Production according to **ISO EN 9001:2018** and **EN 13180** standards.

Patented **, Patent no: TR 2010 09124 B**

261- 508 registered product by Ministry of environment and urban planning in Turkey.

C. Performance Data

1. Fire Resistance

The whole product is tested according to EN 13501-1 European norm and ARTIST Polythene's European Fire Class is determined as D s_3 d_0.

D. Installation

Air duct connections and joints shall be made per installation instructions outlined by IŞIL Mühendislik. Please contact with your sales represantive for the installation instructions.